

STATEMENT IS FILED BY SIR ARTHUR CURRIE

Brings Action for Libel Against Port
Hope Newspaper

ARTICLE IS CAUSE

Editor of Paper and Writer of
Article Entitled
"Mons" Sued

Sir Arthur Currie, Principal of McGill University, yesterday filed the statement of claim in the libel action launched by him against Frederick W. Wilson, editor of the Port Hope Guide, and W. R. Preston, the alleged writer of the article in dispute. The article, entitled "Mons" is the ground for Sir Arthur Currie's claim for the sum of \$50,000 and his statement is as follows:—

The plaintiff is principal and vice-chancellor of McGill University, in the city of Montreal, in the province of Quebec, and is a general on the reserve of His Majesty's forces. The defendant, Wilson, is the owner, editor and publisher of the Daily Guide, a newspaper printed, issued and published daily at Port Hope, in the county of Durham, in the province of Ontario, and circulating in the said town, county and province, and elsewhere throughout the British Empire, and residing at the said town of Port Hope, and the defendant, Preston, is the writer and publisher of the article referred to in the next succeeding paragraph and resides at the said town of Port Hope.

On the 15th day of June, 1927, the defendant, Wilson, falsely and maliciously printed and published, and the defendant, Preston, falsely and maliciously wrote and caused to be printed and published in the said newspaper, of, and concerning the plaintiff, and of and concerning the plaintiff in the way of his business, as an officer in His Majesty's forces, the words following, that is to say:—

Here follows in the statement the article complained of, which is omitted here. The statement of plaintiff continues:—

That the words "Commander-in-Chief" employed above meant, were intended to mean, and were by their readers supposed to mean, the plaintiff; that the words "Canadian Headquarters Staff," "Canadian Headquarters Staff," "Headquarters Staff," "Headquarters Staff," and "Staff" so employed meant and included, and were supposed by their readers to mean and include the plaintiff, that where in the article above quoted motives and actions were attributed to the "Commander-in-Chief," "Canadian Headquarters Staff," "Canadian Headquarters Staff," "Headquarters Staff," and "Staff" the plaintiff was meant and included as the person having such motives and taking and being responsible for such actions.

The said newspaper, the Port Hope Daily Guide, has and had at the time of the said publication, a wide circulation and the said article was copied by other newspapers, particularly the Ottawa Citizen and the St. Catharines Herald.

The plaintiff commanded successively the Second Canadian Infantry Brigade, with the rank of Brigadier-General, the First Canadian Division with the rank of Major-General, and the Canadian Corps, with the rank of Lieutenant-General, which rank he held at the time of the Battle of Mons referred to in the said article; he was thereafter Inspector-General of the Canadian Militia with the rank of General, and is now a General on the Reserve of Officers and entitled, if called upon, to serve in such rank; he is principal and vice-chancellor of McGill University, exercising general control over that institution and the student body thereof, consisting of upwards of twenty-eight hundred young men and women.

By the said article and by its publication as aforesaid, the defendants meant and were understood to mean that the plaintiff, while in command of the Canadian Corps and at a time when no military advantage could possibly accrue, therefore and for his own selfish and dishonorable purposes, and acting in disregard for the lives and safety of Canadians under his

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R.V.C. ROOTERS TO WEAR TAMS

As announced yesterday, there will be no parade of R.V.C. rooters to the game at the Stadium tomorrow. All rooters are expected to wear red tams.

Rooters Parade Definitely off for Saturday

In order to dispel all doubts arising out of recent conflicting reports on the matter of the rooters' parade at the game tomorrow, it was definitely learned last night that there will be no parade.

Another question that has been causing considerable discussion was the holding of the bleachers for rooters. It was stated finally that the whole of the south bleachers will be held for the rooters until 2 o'clock, after which time the public will be admitted to the stand.

There will be no parade, but students will go direct to the Stadium and Coupon No. 4 will be collected as they enter. Once through the turnstiles, everyone has to show his book of tickets in order to obtain seats in the centre section of the stand. All students are urged to go up early as this will facilitate matters for those in charge. It is also urged very strongly upon students that they go straight to their seats and do not loiter on the track as this causes a great deal of unnecessary congestion.

MEETING DISCUSSED COMPOSERS' CAREER

Papers Read on Scott and
MacDowell at R.V.C.

MUSICAL NUMBERS

Music Club Members Played
Selections from Composers
Under Discussion

A survey of the lives and works of Cyril Scott and Edward MacDowell, provided very interesting and instructive entertainment at the first meeting of the R.V.C. Music Club yesterday. An interesting paper on each of these well-known artists was read by Miss Joan Masters.

The genius of Cyril Scott was summed up in two words, originality and modernity. This celebrated British composer was born on September 27, 1879 at Orton. He commenced to play by ear at the early age of two, and to improvise a short time later. At the age of 15 he became a pupil at the Hoch Conservatorium, at Frankfurt. Following this he studied in England with Steuwer-Welsh, and again in Germany under Ivan Knorr. Curious to remark Scott combined the qualities of poet and musician, commencing to write poetry at twenty-one. Some of the best-known of his works are the Rhapsody, the Xmas Overture, the Nativity Hymn, and the Piano Sonata. His songs are emblematic of the mysticism and spiritualism of music and are typical of the poet-musician.

The first Celtic voice to invade the realm of music was the American, Edward MacDowell. He was born in New York in 1861. Of a very sensitive and artistic temperament, he was misjudged by mere acquaintances on account of his shyness and paucity. He was not a prodigy, though his gifts were various. His piano lessons were begun at the age of 8, under Juan Bautista. At 15 he was sent to Paris to the Paris Conservatory to study. His ability in art was so great that he was urged by masters to make that his life study, but preferred to keep on with his music. He studied at Frankfurt with Heyman, and later took a position at the conservatorium in Darmstadt. In 1884 he was married in America, returning immediately to Frankfurt, where the next 8 years were spent mainly in composition. In 1888 he returned to America for good and accepted a post at Columbia University. His prestige grew steadily, and

(Continued on page four)

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(Continued on page four)

ALLIANCE FRANCAISE INVITES STUDENTS

Meeting in Ritz-Carlton Tonight
at 8.15 Open to Students

The Alliance Francaise will hold their first meeting at the Ritz-Carlton Hotel this evening at 8.15. Monsieur Andre Maurois, the principal speaker will address his audience on the subject of "La Jeune Litterature Francaise". This society is one of the most well-known societies of its kind in Montreal.

McGill students will be interested in knowing that Professor Villard, head of the Commerce French Department is secretary of the Alliance Francaise. The society extends a cordial welcome to all McGill students, who will be admitted by asking for Dr. Villard.

The opportunity should not be neglected as it will help the student in his study of the French language.

FINGERPRINTS ARE INFALLIBLE IDENTIFICATION

Professor Whitnall Discusses Methods of
Identification

MECHANICS' INSTITUTE

Chances of an Individual
Fingerprint Being Dupli-
cated Practically Nil

Professor Ernest Whitnall, speaking on the subject of "Fingerprints and their use in Identification," last night at the Mechanics Institute, emphasised the use of fingerprints as the only infallible method, and therefore the only scientific method of identification of criminals.

Other methods that had been frequently resorted to were facial recognition of peculiarities of the person such as warts, moles, tumours, atavisms, birthmarks, and the like. One of the earliest attempts at scientific classification of individuals was that of Bertillon, who used measurements of the human body, such as the length of the arm, and its appendages. Facial measurements and photographs of the visage proved unreliable. Examples of this are famous cases in history of claimants to estates and thrones.

Individual faces differ, and similarly do fingerprints differ. Behind ones facial expressions is the personality. Behind the general appearance of fingerprints are the microscopic details so that as one person does not know another until he knows more than the personality behind the face, so the minutiae of the criminal's fingerprint are important in establishing his identity. But faces can be so nearly reproduced in different individuals that this is not a certain means of identification. With fingerprints it is otherwise. So that while the camera can lie in showing apparent similitudes, yet the fingerprint is infallible in that while at a glance they may appear the same, yet when observed under the microscope, they reveal parts which cannot be misread.

In all animals, and in man, those parts which are used in gripping objects produce a surface of friction skin. This skin has deep folds, indentations in nature to serve to increase the friction between the object gripped and the animal's member, and which serves as a mark of differentiation between individuals. This skin appears in the fourth foetal month in man, and remains the same in detail all through life. That patterns of the friction (skin) is hereditary has been contended, but very little material has been obtainable, so that no definite conclusion has been arrived at.

The anatomy of the friction skin (Continued on page four)

The anatomy of the friction skin (Continued on page four)

NOMINATIONS TO BE IN BY NOON TODAY

Faculties Fail to Nominate
Men for Scarlet Key

It was learned last night that all faculties except Law had been negligent in the matter of nominating men for the Scarlet Key Society. Law is the only faculty so far to nominate the required number of men, and nominations close today at 1 o'clock, so it was pointed out that there was no time to waste. There is plenty of time this morning to draw up nomination sheets for representatives, but the matter must be seen to at once by all faculties.

The Scarlet Key Society make it their business to look after the entertainment of visiting teams, and in this work they need men of the very best type available, as the University will likely be judged to no small extent by the impression made on visiting teams by those whose business it is to entertain them during their stay here. The Society is also responsible for the supervision of the ushering at the Stadium at the football games, and in this they are doing a very useful work to the University. During the two years of existence the Scarlet Key Society has done much useful work along these lines, and it is only if the faculties take a live interest in the election of suitable men that the work can be kept up to the standard it has attained in the past.

Nominations must be signed by 10 undergraduates of the faculty of which the nominee is a member, and must be in the hands of the Secretary of the Students' Council by 2 p.m. today.

Tickets for Prom Nearly all Sold Now

Interest in the Junior Promenade is evident this year as usual in the rush for the tickets, which will guarantee, with a certain limit, an evening of unforgettable pleasure.

This dance is the classic of all college dances, and he who would be collegiate must not have it said against him that he did not drag the most wonderful woman in the world to the Junior Prom. For the Juniors, it is a sacred festival at which light hearts rejoice in thankfulness for a pleasant sojourn in the Elysian Fields of Old McGill.

Last year, the night of the Junior Prom, saw the first snowfall. Merry couples tripped up the Union steps under a shower of snowflakes, and through the stillness of the night laughter pealed and lightened the hearts of the cabbies at the Roddick Gates. Youth and maid are again intent on the forthcoming event and with itching ears, the latter wait for the phoned call—the mating call of the former.

In the meantime, tickets are selling fast and the chances of those who have not already reserved them are slim. Those who would dance must pay the fiddler to the tune of \$5.50 down.

ANNUAL DEBATE AND DANCE ARE PLANNED

Maccabean Circle Executive
Met Yesterday Afternoon

Following the meeting of the executive of the Maccabean Circle yesterday afternoon it was announced that two important annual events, the Freshmen vs. Sophomore debate and the dance, will take place in the near future. The debate will be the feature of the next regular meeting of the Society, on November 20, and the Dance will be held in the Union on December 6.

The Freshmen-Sophomore debate is an annual feature of the Society's program, and attracts considerable interest outside the Circle. The subjects chosen are always of a vital and controversial nature, and the speakers are chosen with care, so as to ensure speaking of a high order. The subject for this year's debate has not been announced yet, but full details in this connection, including the names of the speakers, will be forthcoming in the near future.

The second annual Maccabean dance is scheduled to take place in the Union Ballroom on the evening of December 6. This marks the second occasion on which the Society's dance has been held within the precincts of the University, following the precedent (Continued on page four)

B.C. REUNION BANQUET TONIGHT

Past Students to Celebrate at
Queen's Hotel

Tonight the University of British Columbia graduates and past students are holding a reunion banquet in the Queen's Hotel, at 7.15. This banquet is being held simultaneously with the Homecoming Banquet at the University of British Columbia, and with one being held at Toronto.

Dr. Arthur Currie who has an LL.D. degree from the University of British Columbia, has been asked to extend his patronage to the function. Other patrons to the banquet tonight will be Professor and Mrs. Hughes, the latter, Arts '25 of the University. The Toasts to be proposed will be Our Alma Mater proposed by Stuart Allan and replied to by Miss Lenore Irwin, McGill proposed by Lloyd Johnson and replied to by Professor Hughes; and the Ladies, proposed by C. W. Argue, and replied to by Mrs. Hughes. A crowd of at least forty are expected to attend as there are about fifty students at McGill who have graduated from U.B.C. or who were partials there. The banquet committee consist of Miss Lenore Irwin, Ross Palmer, G. B. Carpenter and C. W. Argue.

Arts is to elect four members. Science four, Medicine four, Dentistry three, Law two and Commerce four. The elections will be held on Friday, November 11.

NO DAILY MONDAY

As Monday, November 7, is Thanksgiving Day, McGill Daily will not be published. Tuesday's issue will carry all the week-end sporting and local news.

DEMONSTRATES METHODS OF PROSPECTING

Dr. Bieler Reviews Work at Rouyn During
Summer

PHYSICS COLLOQUIUM

Original Electrical Method
Developed at McGill—
Better than Older Ways

An original method of electrical prospecting for ores was outlined yesterday afternoon by Dr. E. S. Bieler at the regular Thursday Physics Colloquium. It was put to the practical test in the Rouyn district this summer by Dr. Bieler and Mr. Watson, a graduate student, and gave results superior to most other methods. The lecture was illustrated by a model of the field apparatus, and also by several slides.

At the outset Dr. Bieler stated that there are several more or less well known methods depending various properties of the ores. The principal requirement of these properties is that they shall be quite distinct from those of the surrounding medium. The most common methods depend on electrical or magnetic effects or else upon the elasticity or density of the ores. The last two involve sismographic methods and are found to be comparatively cumbersome and inaccurate methods. After many years of comparative work by investigators all over the world the conclusion has been reached that the electrical systems are to be preferred.

There are several ways of attacking the problem for the electrical angle, but practically all depend, in the last analysis, upon the resistance of the ores. It is found that most of the important and desired ores have a specific resistance of from one tenth to 100 ohms per centimetre cube, whereas that of the most common rocks is generally one million or a billion ohms.

Very nearly all copper ores are found to be very good conductors, as might be expected, and in general, it seems that those ores which have a metallic lustre are comparatively good conductors, as are the metals. Apparently there is some hitherto undiscovered relation between lustre and conductivity. Blende-Galenite behaves in a rather peculiar way, however. Its resistance is only of the order of one tenth of an ohm per centimetre cube when the measurement is made parallel to the bands of stratification, but rises to the rather high value of 3000 ohms if it is taken perpendicular to the bands. In spite of these and certain other variations, however, it is evident that if a current of electricity is suit-

(Continued on page four)

HON. PETER HEENAN WILL SPEAK SUNDAY

To Address Catholic Students
After Morning Mass

Catholic students of McGill will have the opportunity of listening to an address by the Hon. Peter Heenan, M.P., Minister of Labor in Premier King's Cabinet, next Sunday morning. He will be the special speaker at the breakfast to be served in Congress Hall immediately after the students' special service at 9.30. Father McShane, the well-known pastor of St. Patrick's, has arranged a special Low Mass for the students, to take place on the first Sunday of each month at 9.30 a.m. in the Lady Chapel adjoining St. Patrick's Church (entrance at 218 Dorchester Street West). Next Sunday Mr. Heenan will himself be present at the students' Mass, afterwards attending the breakfast at the students' guest of honor.

Few of the members of Premier King's cabinet have received as much notice as the Minister of Labor. Mr. Heenan has recently addressed several public bodies and has on each occasion impressed his hearers by the sincerity of his purpose and the simplicity and tactfulness of his manner. Mr. Heenan, in labor circles, might be looked upon as a "fixer," but he has a broad experience of life, and this appears in each one of his speeches.

The monthly Sunday morning Mass for Catholic students of the University has proved very successful since its inauguration and a hearty invitation is extended to all Catholic students to come and hear Mr. Heenan next Sunday morning.

Applications are to be in by Saturday

As announced yesterday, applications have been called for positions on the Red and White Review Committee. These applications must be in the hands of the Secretary of the Students Council by one o'clock on Saturday.

The chief qualification is experience, and all applicants must specify in their applications what previous work they have done along the lines of the position they apply for. Otherwise, it is useless to apply, as these applications are all the committee have to judge by in making their selection. The offices requiring to be filled are Assistant producer, secretary, property manager, scenery manager, ticket manager, program manager and directors of advertising, dancing and costumes. Those in charge of dancing and costumes must be members of the M.W.S.S.

MUSICALE HELD AT STRATHCONA HALL

Miss Helm, Mr. Brook and
Alec White Played

OTHERS TO FOLLOW

Purpose of Meetings is to
Interest Students in
Good Music

Negro spirituals and music by Rachmaninoff and Germain featured the first "music hour" in Strathcona Hall yesterday afternoon. The small attendance, a little over twenty, was somewhat disappointing to those in charge, but the rain was held partly accountable. The entertainment was the first of its kind ever attempted by the S.C.A. and, if it planned, will be the first of a series of weekly attractions. To further the attraction, the serving of tea will also be a regular institution at the meetings. Miss M. Helm, Mr. Murray Brooks and Alec White rendered a very enjoyable program yesterday.

The music was varied in character, and was ably rendered by the artists. One of these, Alec White, is a McGill undergraduate in Theology and the other two are closely connected with the University.

As soon as the appetites of those present had been satisfied, Miss Helm opened the program with a piano solo. She was followed by Alec White, who played as a violin solo "Serenade" by Beethoven. He was accompanied by the piano by Miss Helm. Mr. Brooks' number was the popular old song "The Shepherd's Song" by Germain, and Miss Helm played Rachmaninoff's famous "Second Hungarian Rhapsody," "The Blind Piousman," and Massfield's "Roads," sung by Mr. Brooks, completed the afternoon's entertainment.

While disappointed at the meagre attendance at the Hall yesterday, those in charge were optimistic about the ultimate success of these "music hours." They feel that they are supplying a need which is very real, in enabling those who are interested in music to come together and have tea, and join in a program of good music. It is hoped to make these entertainments a weekly feature of the S.C.A. program, and a much larger attendance is looked for next week.

(Continued on page four)

PLAYERS' CLUB MEETS

There will be a meeting of the McGill Players' Club in the Music Room of the McGill Union this afternoon at 5.15. All members and those interested are requested to be on hand owing to the fact that important business matters are to be discussed.

What's On

TODAY
12.00—Social Workers.
1.00—Women's Graduate School.
5.00—Chess exhibition.
Students Volunteer Band
7.15—U. B. C. Reunion—Queen's Hotel.
8.15—Alliance Francaise Ritz-Carlton Hotel.

COMING
Nov 5th
McGill Varsity Football game.
Intercollegiate Harrier Run at Toronto.

STARS CONSIST OF COUNTLESS MINUTE ATOMS

Composition and Formation of Atoms
are Explained

STARS AND ATOMS

Dr. Douglas Speaks Before
Astronomical Society
of Canada

The methods of determining the mass, heat, density and composition of stars were described by Dr. A. V. Douglas last night in an address before the Royal Astronomical Society of Canada. The lecture, entitled "Stars and Atoms" was given in the MacDonald Physics Building on the occasion of the first meeting of the session of the Astronomical Society.

The lecture was based on the book entitled "Stars and Atoms" by Professor Eddington of the University of Cambridge. This book contains the subject-matter of three lectures delivered in London last winter by Professor Eddington. Dr. Douglas began by outlining the valuable work done by this noted astronomer, who was at one time assistant astronomer at the Greenwich Astronomical Observatory. He did much valuable work in simplifying and adding to Einstein's theories of relativity. Some of his well-known works are "The Mathematical Theory of Relativity," "Space Time and Gravitation," "The Internal Constitution of the Stars," and "Stars and Atoms."

Dr. Douglas first read the opening page of Professor Eddington's book giving an idea of the stellar system. There are three thousand million stars in this system which in turn is probably only one unit of a far vaster universe. Man is slightly closer to an atom than a star in size. It takes ten raised to the 27th power atoms to make a man, and ten to the 23th billions the size of a man to make a star.

Our sun is a fairly average star and, being by far the nearest, may be most readily studied, thus giving a fair idea of the composition of all the other stars as well.

A number of slides were thrown on the screen, showing the characteristics of the sun's surface and the so-called "sun spots." These phenomena are caused by the sun's vapors swirling to a common centre. Some of the projecting tongues of vapor from the sun's circumference are so immense that, if projected from the earth's surface, they would extend to the moon's orbit. It was by such photographs of the sun, especially during eclipses, that it was possible to verify Einstein's theories.

The surrounding atmosphere of the sun has been found to be constantly changing. Dr. Douglas stated. The component elements of the sun and stars are determined by means of the lines found in photographs of their spectra. Two-thirds of the known elements of the earth have already been found to exist in the sun.

6,000 degrees is the heat of the sun at the surface, but in the centre the heat is as high as 40 million degrees. The speaker claimed that the temperature was found by computing the energy of an atom at a given point in the sun necessary to resist the pressure of the layer above. This explained (Continued on page four)

CONCERT NEXT FRIDAY BY QUARTET

Hart House Quartet to Give
Recital Here

An event of somewhat unusual importance is the concert to be given at McGill by the famous Hart House String Quartet on Friday, November 12. It is more than two years since the quartet gave a concert at the University, and they will be warmly welcomed on their return.

The Hart House Quartet have, by dint of constant practice together, attained an unusual degree of perfection in their playing. They banded together some years ago, and in the summer, retired to a house in the country, and spent the entire summer at which one might call the "donkey-work" of practice. In this way they grew to understand one another's playing as would have been impossible otherwise, and obtained perfect co-ordination in their playing.

Wherever they have played, the Hart House Quartet have been enthusiastically received and have earned the highest praise from the musical critics.

McGill Daily

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IN CHARGE OF THIS ISSUE

Kenneth Brown

STAFF

Robbins, Lloyd, Desbarats, Nicholls, Dunn.

MONTREAL, FRIDAY, NOVEMBER 4, 1927.

THE ROOTERS AND THE NEW STAND

THE Athletic Board of this University has appointed a committee to consider the plausibility of building a new grandstand at the Molson Stadium, on the site of the present rooters' stand on the south side of the field. The plan, we infer from the report of the meeting at which the matter was discussed, calls for the erection of a new "reserved stand," with a seating capacity of 5,000. This it is pointed out by the Board, will increase the seating capacity of the Stadium to over 13,000—a necessary step in view of the sell-outs that have been in order this season.

While no one who is interested in the welfare of athletics at McGill can regret the taking of such a step, it might be pertinent, considering the inadequate accommodation reserved for rooters at the Queen's game and the rumor that the public were to be admitted to the central bleachers next Saturday, to ask what provision is to be made for rooters under the new scheme, if it is carried out.

The student body of the University would justly resent any attempt to move the rooters' stands from the side to the end of the Stadium to make room for a new reserved section, and it may be that the Athletic Board has no such purpose in mind. At any rate it is to be hoped that if the new stand does go up the central section will be reserved for the organized rooters, who have learned to expect a good view of the game.

NATIONS WE MIGHT BE NEGLECTING

THE ancient Greeks gave us our philosophy, did a great deal to mould our thought. The ancient Romans thought out our laws for us, and gave us lessons in the conduct of an empire, which have proved invaluable.

The greatest men in the scholarly sphere as well as in more practical lines of work had to know the customs of the Greeks and Romans thoroughly in order to study their contributions to mankind properly. So they learned the Greek and Roman languages.

Dr. Woodhead, in his recent article in the "Daily" pointed out very forcibly the reasons why these languages are anything but "dead." If students today refuse to learn these two languages, they cannot avoid studying books which are either translated from these old languages or adapted from works of Greek and Roman times. Their contempt if they have any, for these languages, is rather amusing.

We are inclined to think that one great reason why more students do not take up classical languages more, is because students are lazy. The scholar who would know them properly must pay great attention to detail, must learn much from memory. He cannot rely on a general knowledge similar to that which often constitutes a background to our modern sciences.

Then, too, a student of classical languages must persevere for years before he begins to discover the true interest that the classical languages hold. Grammar and syntax must be mastered, translation must come natural and easy. Vocabulary must not depend on the lexicon.

The ultimate result of a faithful study of Greek and Latin means an introduction to the life and thought of two great nations who equalled in thought and culture, the most advanced nations of the world today. Indeed, they have much to teach us concerning the living of a happy life; the enjoyment of existence for its own sake, and not for the sake of money or fame.

IS STUDENT GOVERNMENT A HOWLING FARCE?

A KINGSTON editor rails out against the students of Queen's for alleged unseemly behaviour. He explains the students' alleged insubordination to the "howling farce" called student government.

The Queen's Journal treats the matter rather scathingly and denies the charges brought against the university by the city editor.

The probability is that a few students—there are college fools in every university—felt rather exuberant and created a disturbance in the balcony, no doubt to the disgust of their fellows.

It may simply be that the applause from the balcony was a trifle noisy. But the convocation is by no means a sacred affair. Convocations in the old country are always accompanied by "raze", and truly great men like Baldwin take them in the way they are offered.

We have no evidence that the people taking part in this Queen's convocation were perturbed either. But whatever happened, it is ridiculous to bring "student government" into the question. The heads of the student body would have punished the offenders—if any—in a proper way. Corporation itself could not have prevented it.

However, we take the silence of the Queen's Board of Governors as ample indication that their confidence in student government is unshaken.

CONDENSED COMMENT

WE THANK THE PROFESSORS

About two weeks ago we sent out invitations to members of the teaching staff of McGill, to write for us on topics of interest of students.

We have received and published one article for which we take pleasure in thanking the author. We have also received promises of many others.

Only a very few have failed to reply, and we are confident that these will do so very soon. The courtesy and co-operations between professors and students at McGill is proverbial and established.

CONGRATULATIONS TO THE CO-EDS.

The co-eds are determined to parade before the game next Saturday. The sight of hundreds of these fair patriots sporting red tunics and gaily-colored ribbons, is sure to be inspiring.

The rooters now have two courses in front of them. They can either join the parade and see that the girls don't get to the Stadium late; or else go in a body to the Stadium, choose four hundred of the best bleacher seats and hold them against all comers—using whatever force is necessary—until the fair patrons arrive.

THREE ESSENTIALS MENTIONED BY SIR ARTHUR

Three essentials for a successful student were mentioned by Sir Arthur Currie at the Fresh-Soph. banquet.

The "capacity to receive" is usually present in all freshmen who have succeeded in matriculating. The "willingness to learn" is present in all except those who enter college because it is the fashion.

The "character to endure", is usually the quality that is most wanting. In school pupils often have to "endure" or get the strap. In college endurance is a personal matter. The year may be dreary, the studies hard and boring. But that is all character training. Nobody can train a student's character but the student himself.

THE FIRST "MUSIC HOUR"

It might be considered deplorable that so few students attended the first "music hour" in Strathcona Hall.

It seems to us, however, that small numbers should not in the least concern the organizers of such affairs. Appreciation, not numbers, is the true test of a successful music presentation, just as it is of an art exhibit.

The listeners enjoyed every bit of Thursday's program. The management organized things very well, and those who were present will look forward to the next "music hour".

Miss Crabbe's Column

This column will be run as a weekly feature in the McGill Daily. It is felt that Miss Crabbe, with her wide experience and deep sympathy, can be of very real help to many students of this University who find themselves in need of sympathetic advice. All communications will be treated in strict confidence, and should be addressed to Miss Crabbe, McGill Daily office, so as to reach the office not later than Wednesday evening of each week.

Dear Miss Crabbe:

Before becoming a freshman I had no experiences with the stronger sex except at an occasional church meeting. Now that I have had what all Sophs call thrilling experiences I have no one to come to for advice. For my best girl friend would blush if I told her the half of it. My problem is this: at the Conversat I met my ideal. He was five feet three inches, greenish-grey dreamy eyes and rusty colored hair parted in the centre. During the ride home he told me I was the nicest girl he had met so far. Of course, no boy would say that unless he wanted to marry the girl. So I allowed him to kiss me good-night. I have told all my friends that I am engaged but I have not seen or heard from him since that night. Please tell me if that is the way all engaged men act.

Ans.—Dear Miss Lovelace:

You have acted very wisely in writing to the only one who can give you disinterested advice on such a subject. The Conversat has always proved the scene of budding autumn romances. Let me give you a motherly word, do not take it too seriously. A romance begun in the fall runs its course during the winter, and reaches a pitch at the time when college breaks up. The summer months are a trying time for such romances, and with the return to work in the fall, the interested couples too often discover at an unhappy hour that they have rushed into an engagement which when observed in the same light of common day appears unsatisfactory, if not actually deleterious. A girl at college must care for her work. She cannot find time, no matter how clever she is, to carry on a deep-seated love affair and give the requisite attention to her studies. The same may be said of men students. Today the college girl has her career to consider. It is compatible with her love and its proper consummation? As for a man being forever a woman's ideal, it is impossible. A strong-minded young woman cannot keep a man in her heart as her ideal, no matter how warm her heart or how true her love. It is the woman who can love a man not only for his perfections, but for his imperfections and eccentricities as well, that merits true love in return. No man is a hero to his butler, so no man is a hero to his wife. Your young man must be either sincere or simple. No man, unless very unsophisticated, will say what he means to a young woman until he thinks he knows her very well; and then when he thinks he does know her very well, no matter how careful he is, he will at sometime let the cat out of the bag, only to find, in time, that he did not know her nearly half so well. I trust that your friend was sincere, and perhaps shy and sophisticated. But let me "talk turkey" for a moment. You must not think that a man means to marry you simply because he has exchanged

kisses with you. Telling your friends that you are engaged is not the thing to do when you stand on such uncertain ground. But it may give you an added attraction in the eyes of your other men. Not seeing or hearing from him since then is curious. It may be due to any of several reasons. He may be shy about calling up. He may be waiting to see if, in the mean time, others have greater attractions for him or for you. He may be engaged or married already, and does not dare see you again. There may be something insidious in your nature he did not appreciate until he kissed you. Who knows? Please write again and tell the half of your story that your best girl friend would have blushed to hear. It must be interesting.

Dear Miss Crabbe:

A gentleman friend took me to see "And So to Bed" last Monday night. As it was what one might call a McGill night, many "McGillites" were there. All went serene until a gentleman and his lady arrived late, probably from Westmount, and sat down behind us. They seemed to have a hard time getting on to the trend of the play and continually asked one another inane questions. Bit by bit it became apparent that they were lovers, and that the man was doing his best to show off his "wit". This chatter became unbearable; but not wishing to embarrass my escort, or appear to be a kill-joy, I bore them as best I could. At last an elderly gentleman sitting next to us turned around and asked them to desist. They did quiet down a bit, but as they snuggled down into their seats they turned to another form of diversion, one very commonly indulged in in Montreal theatres. The gentleman had brought a box of chocolates, and the dear things began a bout of baby feeding. Cannot this be stopped, as a source of public annoyance?

Ans.—Thank you.

Dear Miss Crabbe:

Huedere you belive hit of notte ich em ye reincarnacloum ov Chaucere hersel. Inn wrtinge to your pagge ich gewundered muche gif ich wasse doulinge ye corree thingge. Butte synech ich amme attle leaste asse mucho gif notte more famousse thane Dempseye or Blisse Charrewomen, beyngge assech ich amme a wrttere of note, ich thothe hit mite bie ov intressed tue you gif ich wrtten you soume ov memories ov the charnal howse and lacheen cannel. Syn ich dyeden ich hav hedde ae gute time. Heaven iss ane hille ov ae fyne place. Yurs trewely, Chaucere (reincarnated).

Ans. Thank you.

Dear Miss Crabbe:

May I use your valuable column in the search for truth, by asking you a question which has worried me very much since the Informal. Why, Miss Crabbe, did the ladies take their coats with them to supper? Why did they go outside and parade on Sherbrooke St., at that time of night, and enter their companion's cars, where they often stayed through several dances? Is it etiquetual?

Ans.—Dear Miss Placed:

The ladies you speak of probably wished to keep warm after the exertions of dancing. As to parading on the street at a late hour, it is not

exactly the thing to do. Did they really sit out in carloads? You know, surely, that it isn't done. Please write again.

Dear Miss Crabbe:

Coming from the Eastern Townships I am not to all sorts of boyish tricks and that sort of thing, but some of the customs observed in Montreal on Halloween were quite over my head. For instance when a young man takes a lady from Milton Street to the Windsor, why does the taxman go a circuitous route so as to make his path go through Westmount, along the Cote road, and back along Western Ave? My boy friend thinks I don't know the map of Montreal.

Ans.—Dear Miss Leed:

He must have the rocks, and perhaps the right idea. But go easy. He may be worth your affection or he may not. He has made some tender of it or at least some sign that he thinks you may have the something that makes life worthwhile. I mean this is only the best sense. This little prank is not a Halloween custom. If it has happened to you once it may happen again, so don't let it turn your head. Whatever you do remember you are a country girl and beware of the city ways.

Correspondence

McGill Daily.

Dear Sir,

Agreement with your remarks on the appeal of the plays attributed to "Shakespeare" is tinged with regret that you omit reference to their authorship as revealed by modern research methods.

The cryptographic method has the delightful merit that it enables one to have precisely what one desires. For example taking the fourth letter from the end of each of the following plays, we obtain some startling information as to their author—

MacBeth Julius Caesar
Two gentlemen of Verona The Merchant of Venice
Cordelia Anis
Merry Wives of Windsor

Measure for Measure
Taming of the Shrew
Anthony and Cleopatra
All's well that ends Well

There are precisely four letters in the name indicated; moreover, the author himself has publicly acknowledged a greatly improved technique. Further discussion, therefore, appears unnecessary.

Yours faithfully,
A. E. C.

CATHOLIC STUDENTS ARE INVITED TO ATTEND

The Special Low Mass
Next Sunday, 9.30 a.m.

at

St. Patrick's Lady Chapel
278 Dorchester St. W.

And also the Breakfast to follow.
Special Speaker

HON. PETER HEENAN,
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THIS IS "INSPECTION WEEK" AT THE Union Cafeteria

Drop in to-day between 1.30 and 6.30, and you'll learn why food prepared in the kitchen of the Union Cafeteria is cleaner and better. It is a privilege and a duty. Also, Mr. Undergraduate, have you tried a luncheon without meat yet? If not, do so to-day.

30c

40c

Macaroni and Cheese
Mashed or Baked Potatoes
Bread or Roll, Butter
Baked Apples
Corn Muffin and Strawberry Jam or Ice Cream
Cup of Tea, Coffee or Milk

Barley Soup
Macaroni and Cheese
Mashed or Baked Potatoes
Diced Carrots or Vegetable
Marrow
Bread or roll, butter
Apple, Raisin, or Apricot Pie or Ice Cream
Cup of Tea, Coffee or Milk

MCGILL READY FOR WEEK-END RUGBY GAMES

Red and White Nearly at Full Strength for Contests

LITTLEFIELD MAY PLAY

Line-up Announced—Officials Named for M.A.A.A. Fixture—to Broadcast Game

WITH the exception of Charlie Littlefield at inside wing, McGill will go into tomorrow's game with Varsity at full strength. Bazin has recovered completely from his injuries and will be able to take over the job at the key position and there is just the possibility that Littlefield may also be ready for the fray. With the exception of the big inside wing, however, every member of the team is reported in the best of condition and ready for the fray. A light dummy drill would up practices yesterday afternoon and if the team takes the field at all today it will be merely to brush up on plays.

The past two days of almost continuous rain have left it almost impossible to attempt any heavy scrimmage drill, but Coach Shaughnessy is satisfied that last Tuesday's heavy grind was sufficient to bring the team to peak form. The game with Balm Beach served as an excellent conditioner and with the good fortune to come out of that struggle without injuries, the red team hopes to make a strong bid against the blue.

Just how much the wet weather and the resultant slippery condition of the playing field will favor either team is problematical, but with the likelihood that tumbling will be rather more frequent than usual, the choice develops into picking the smarter and more alert team. Play is bound to be loose under such conditions and the team that is able to profit by the other's mistakes will gain a good edge in the play as a result. However, the last time the two squads met under such conditions, tumbling was a remarkable rare occurrence and one of the features of the struggle was the ability of both squads to handle the heavy mud-caked ball. Tomorrow's game may see just such a struggle.

In the matter of weight, McGill compares favorably with anything Varsity can put on the line. The McGill front rank averages over 190 pounds, and Spears and McTeer, snap and inside wing respectively, both crush the beam at well over 200. McGill should not suffer any of the disadvantages that go with a light team playing in the mud.

One player who will be a marked man tomorrow is Sinclair, Trimble's mate under the catches. Last year in the famous McGill-Varsity struggle at Toronto, Sinclair broke into the line-light in his second game of intercollegiate football by his sensational display of running back kicks. The field was a sea of mud and Sinclair time after time got away with long gains after catching punts by his uncanny ability to jump out of tackles by the McGill wings that swarmed around him. Sinclair has failed to show anything like that performance since, though he has never had a muddy field to play on, which some people say is the secret of his success. If the flashy young half is a "mudder" as people say he is, he should have things to his liking tomorrow afternoon.

McGILL

Flying Wing

Harrison Miller

Half

Sinclair St. Germain

Trimble Tremblay

Traynor Little

Quarter

Snyder Bazin

Snap

Keith Spears

Inade

Carlick Casper

Bean McTeer

Midde

Dundas Munro

Stollery Mott

Outside

Daly Taylor

Morgan Blair

Sub

Young Lovering

Masters Doherty

Little Krizwiser

Rykert Heenan

Calman Sharp

Stewart Granger

Kirkpatrick Brown

Tomorrow's McGill-Varsity game will be broadcasted direct from the Stadium by the Toronto Star station CFCB.

The officials for the M.A.A.A. game on Monday were named last night. Joe O'Brien will be the referee, while Frank McGill will act as umpire. McGill's new hockey coach, Dr. "Vee" Heney will be the head linesman.

BOXING

Boxing practices every Tuesday and Thursday at 5 in Montreal High gym.

DOWN TO BRASS TACKS

With Robert W. Jones.

WHAT WE HAVE WE'LL HOLD

An editorial entitled "Fair Play for the Queen's Football Team!" which appeared in a recent issue of the Whig-Standard, a Kingston newspaper, has been brought to our attention and is reprinted in another column of this paper today. The editor laments over the fact that the Tricolor is not given a share of the profits derived from its out-of-town games with the University of Toronto and McGill and goes on to say that the Limestoneers are being treated in a cold-blooded manner.

This may or may not be true but we do not see why any of the proceeds of McGill's home games should be turned over to Queen's. To be sure, McGill is situated in a large centre of population and thus has an obvious advantage, but we believe that the advertising methods used by the McGill Athletic Board go a long way to foster an interest in the McGill team and help to increase the receipts. Furthermore, McGill is a larger university and needs a greater sum of money to carry on its athletic activities. But in addition to the foregoing, it might as well be said here and now that the red and white do not get such a huge profit out of the Stadium itself.

As for the statement "Queen's the greatest drawing card in the intercollegiate league"—well, that is a debatable question. During the past few years when McGill has had at best a second rate team the attendance at the red and white games did not create any records but the McGill-Varsity game usually drew a larger crowd than did the Queen's-McGill fixture.

The question ought to be settled once and for all tomorrow. The Queen's-McGill game this year drew 13,638 people, but there are indications that this figure will be surpassed by close to a thousand people tomorrow when Varsity comes to town.

However, the real reason for the record attendances at the Molson Stadium this year is that McGill has at last a team that is conceded a good chance for the intercollegiate title. Montrealeers are flocking to the games in record numbers not to see McGill's opponents, but primarily to watch a great red team in action.

FAIR PLAY FOR QUEEN'S, SAYS WHIG-STANDARD

The following editorial appeared in the Kingston Whig-Standard for Saturday, October 22:—

FAIR PLAY FOR QUEEN'S FOOTBALL TEAM!

The published figures show that the attendance at the Queen's-McGill football game at Montreal a week ago today was a record one, constituting the greatest that ever assembled at any football game in Molson Stadium. Figures of attendance at the big games in Toronto last year show also that Queen's was the greatest drawing card of any of the teams and always filled the stands to capacity.

These being the figures, let us follow them up and see what the facts are in relation to them. They are simply these and it is an old, old story that the Queen's University football team does not profit one single cent as a result of this record attendance at either Montreal or Toronto, not receiving a single copper as its share of the receipts. The reason for this, needless to say, is that the old system is still in force whereby the home teams take all the receipts of the home games. This, reduced to its final analysis, signifies that Queen's must be content with the much smaller gate receipts that come to it from the games played in Kingston. Here the attendance is perforce limited, because we have no such great population to draw upon as has either Montreal or Toronto. Thus it is that while the Montreal and Toronto teams are raking in the shekels in what must to them be most gratifying manner, Queen's must needs be content with the smaller receipts, here.

The Whig-Standard has more than once touched upon this matter and pointed out the crying injustice of it all and we suppose will keep on touching upon it some time or other our cry is taken up not alone by other newspapers but all fair-minded people so that a change may be made in the system to provide for a share-and-share division in all the intercollegiate gate receipts, or at least a 60-40 division such as prevails, we believe in the Big League Baseball games in the United States. Certainly it is shockingly unfair that Queen's, the greatest drawing card in the intercollegiate league, should be treated in this rather cold-blooded way by the other two Universities in the union. Putting it plainly, it is not cricket.

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You Were Going To The

SCARLET KEY TEA DANCE

On Saturday After The Game

And Buy Your

\$1.50 TICKETS TODAY \$1.50

From Members of the Scarlet Key Society

KINGSTON SPECIAL TRAIN ASSURED NOW

Already 205 Have Signified Intention of Making Trip

ONE PARTY OF SIXTY

McGill Band will Travel to Limestone City by Train—Students Slow

A record-breaking number of McGill supporters are certain to be on hand in Kingston a week from tomorrow when the red and white rugby team meets Queen's in the deciding intercollegiate game of the year. Already 205 persons have applied for the special \$8.00 rate to Kingston including return trip on a special train and a seat in the reserved stand at the Richardson Stadium.

The McGill Band of thirty-six pieces has arranged to go to the Limestone City via the special and one large party of sixty, composed mostly of McGill graduates and organized by Mr. John Gaffney of the Atlas Press, himself a graduate, and publisher of the McGill football programmes, has been organized. There are also a number of smaller parties going up by train and a number of students will also go by automobile.

So far, according to Major Forbes, but few students have signed on for the trip and he expects a last minute rush on the part of the undergraduates. It is pointed out however that to wait too long before deciding is liable to be fatal for while there are any number of railway tickets available, the seats for the game are scarce and after the McGill allotment has been exhausted it is highly probable that no other good seats will be left.

The football team may travel by the special train but it is more than likely that they will leave for Kingston on Friday in order to have the benefit of a good rest previous to the game.

The fact that over two hundred have already signed on assures the running of the special, it was stated last night. In addition to the regular first class coaches the train will carry two parlor cars and a diner. Parlor car seat to Kingston costs \$1.05 each way. The train leaves at 9.30 on Saturday morning, arrives at Kingston about one o'clock and returning will leave for Montreal about 6.30 p.m. arriving here shortly after 10 o'clock.

JEAN BROUSSEAU FOR QUEEN'S?

Rumored that Olympic Boxing Coach Going to Kingston

Rumour has it that Jean Brousseau, boxing coach of the last Canadian Olympic team, will shortly take charge of the boxers at Queen's. If this report is true, it should give a great stimulus to this sport, both at Queen's and in the Intercollegiate Union as a whole. The Intercollegiate Assault this year will be held at Toronto and should attract much attention, as several of the entrants stand excellent chances of being chosen for the Olympic team.—The Varsity.

QUEEN'S ASSURED OF RECORD CROWD

Kingston, November 3.—Demand for accommodation at Richardson Stadium for Queen's-McGill rugby game on November 12 is so great that arrangements are under way to have seats placed on the cinder track about the grandstand.

CAPITOL THIS WEEK

Richard Barthelmess

In the Great College Drama "THE DROP KICK."

In conjunction with MAURICE MEERTE AND HIS FAMOUS CAPITOL TANS

IMPERIAL THIS WEEK

"THE WIFE HUNTER"

Heads the Vaudeville Programme

Also Five Other

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Supreme Vaudeville Acts

"SHANGHAIED"

With Ralph Ince and Patsy Ruth Miller is the feature picture.

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Here are big, burly Winter Overcoats, created by Semi-ready Designers to serve a dual purpose—to give a smart appearance and, at the same time, comfort to their wearers even on coldest Winter days.

"Blues" predominate this season—preferably those of fine English Whitneys and Chinchillas. There's a wide choice in this popular, yet ample selection of sturdy English and Scotch tweeds also provided.

Sizes and styles to suit every figure and taste and the price most reasonable—forty dollars.

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In The Good Old Days

When the four-man buck was the feature of football games and they played them on the old campus and no one had even thought of the Scarlet Key Society and the dances were all square, young couples walked to games and tea-dances or took the trolley.

But times have changed. The four-man buck's gone; the Scarlet Key's here, and to help you enjoy the game at the Stadium and the dance afterward, DIAMOND TAXIS will be on hand to give you service.

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From Class Representatives

DEMONSTRATES METHODS OF PROSPECTING

(Continued from page one)

ably disposed, it will be able to pass through the ore much easier than through the surrounding medium, and the problem resolves itself into finding where the current is strongest.

The first method proposed and now used extensively in Sweden is the Equipotential Method. Two electrodes are driven in the ground some miles apart, and connected to a source of alternating current. The prospecting party is equipped with two smaller electrodes to which is connected a pair of ordinary radio headphones. Now if these pipes are driven in the ground some distance apart and the current flowing there from the main generator is not at the same strength at the two points, a current will flow through the phones causing a buzzing sound. One electrode is now adjusted until there is no sound in the phones. Several such points are found, plotted on a map and a line drawn through them. This is one of the "equipotential lines". Any desired number of these lines can thus be obtained. It is known, however, that the lines of the current flow are perpendicular to the equipotential lines, and so they may be drawn. It is evident of course, that the current will try to go through the well-conducting ore, as the current lines will crowd together if any ore body is present, or what amounts to the same thing, the equipotential lines will spread apart. An improvement on this method consists in sending the current into the earth through two long parallel wires. The lines of current flow will then go straight across from wire to wire, instead of in a somewhat complicated elliptical shape as with the "point" electrodes. Deviations from the normal are thus much more easily detected.

These methods are not much used on this side, so Dr. Bieler passed on to the method which he and Mr. Watson have developed. It consists in placing a large loop of wire on the ground, but not connected electrically to it. The loop may be as large as a mile square, and is connected at some point to a source of alternating current. A magnetic field is thus created, going vertically down into the earth. Nothing happens if there is no good conductor nearby, but if there is, a current is induced in the conductor. This in turn produces a second magnetic field which interacts with the first field. Now we place, inside the loop, a coil of wire with its plane vertical, and connect it to an amplifier and phones or indicating instruments. Vertical (magnetic) lines of forces cannot cut the vertical coil, but if there are any horizontal lines or horizontal components of oblique lines, they will thread the coil, induce a current in it, and this will produce a sound in the receiver, or affect the measuring instruments. The coil may be taken about anywhere inside the large loop, and the strength at various places noted. Several points of high intensity can thus be found. Dr. Bieler then explained by diagrams that almost directly above the limits of the ore body the intensity will be highest, so that the approximate location of these bodies can be found.

This is the essence of the new method, but in practice it is not quite so simple. In place of the smooth lecture table used for the model, rough and uneven ground is almost always encountered. This introduces all sorts of errors which are quite hard to allow for. In addition, the current is not constant, nor is it the same at all places on the loop. In spite of these difficulties the method gives much better results than others, and many valuable deposits have been discovered by its use.

Dr. Bieler then went into some of the elementary theory of the detector. He showed mathematically that if there are any number of A.C. circuits in space, in any phase relation whatever, then the resultant field at any nearby point is elliptically polarized. This means that there is always one plane at any point, such that if the coil is placed in it practically no signal will be received. Moreover, the ratio of the strength in the two planes perpendicular to this one is the ratio of the semi-major axes of some ellipse. Several pictures of the apparatus used, the work and the surrounding were then shown. Some people demonstrated that bodies of ore outside the loop may be detected by this method, while another showed the effect of a power line in decreasing the field intensity. A certain block of ore several hundred feet in each dimension was discovered just by chance, and otherwise might have remained unknown for some time. A picture of Dr. Bieler and Mr. Watson in their field clothes occasioned considerable amusement. The lecture was closed with an illustration of the new smelter at Rouyn, which is now capable of handling 500 tons of ore per day, and will soon be able to take care of 1000 tons per day. It has a smokestack over 400 feet high, so as to try and raise and scatter the poisonous sulphur dioxide fumes which so often ruin the vegetation near a smelter.

At the end it was announced that a McGill Daily is printed by the Herald Publishing Company Limited for the Students' Executive Council of McGill University, of which Robert H. Fletcher is the Secretary-treasurer, at the office 225 St. Brooke St. West.

series of 10 lectures on Applied Geophysics will be given by the Physics Staff, commencing next Tuesday. Dr. Eve thanked the speaker for his address.

STARS CONSIST OF COUNTLESS MINUTE ATOMS

(Continued from page one)

ery determines the heat. This temperature may seem very great to the ordinary person, but it is nothing extraordinary to the astronomer. 40 million degrees would only give an atom a speed of 100 miles a second. Astronomers are accustomed to dealing with speeds many thousand times as great as that.

Dr. Douglas described the action of the three elements of the atom, namely, protons, electrons, and radiation. She showed her audience illustrations of the orbits of the electrons around the nucleus in the different types of atoms. An atom that is not neutral is said to be ionized.

Illustrations were shown of the motion and collision of the alpha particles and electrons thrown off from different kinds of atoms. Other slides showed the great excitement caused by the passage of X-Rays, and the tremendous complexity of radium atoms.

The speaker added that, by studying the spectrum of a star we can tell whether or not its atoms have become ionized by the passage of X-Rays. The majority of the stars lie between the "minus fourth" and the plus 16th magnitudes. This magnitude is determined by measuring the distance of the star from the earth and by studying the spectrum.

The mass of most known stars is between one-half to five times that of our sun. There are, however, many extremes, both large and small. For example, four stars have been discovered whose total mass is 350 times that of the sun.

Radiation pressure dominates the size of a star, said Dr. Douglas. She described the inside of a star as a hurly-burly of electrons, protons and particles dashing hither and thither and continually changing places.

The lecturer went on to describe the difficulties met with in determining the mass and light of a certain star, and the ingenious method by which these difficulties were overcome.

An extraordinary discrepancy was found between the mass and the light of the tiny companion of the star Sirius. The density of this star was found to be the cause, its density being 50,000 times that of water. On the other hand, a star has been found whose density is only one-millionth that of water.

In thanking Dr. Douglas for her enlightening lecture, Dr. Eve stated that he hoped some day to hear a lecture on the results of her personal study and research, which he praised very highly.

At the close of the lecture, a meeting of the members was held for the purpose of electing officers for the coming session.

ANNUAL DEBATE AND DANCE ARE PLANNED

(Continued from page one)

ent of last year, when the event took place for the first time in the Union. This dance is now firmly established as an annual event, and is increasing in popularity each year it is held.

Frank Godne was chosen as chairman of the dance committee at the meeting yesterday afternoon, and Harry Herman was appointed vice-chairman. The names of the committee are not available as yet, but the personnel will be announced and a meeting will be held in the near future. It is hoped to make this year's dance the best yet, and no efforts will be spared to make the affair a success from every point of view. The committee will do their share, and with the co-operation of all the members, the executive of the Circle feel that the dance will eclipse all others in the history of the Society.

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FINGERPRINTS ARE INFALLIBLE IDENTIFICATION

(Continued from page one)

was carefully outlined by Professor Whitnall. The ridges are formed of the single cones of the skin pores, which occur singly or fused into lines, some straight or curved. The varieties of these lines are known as whorls, composites, loops and ribs. The pores when single are known as islands. The parts of the lines are known as forks, ends, and enclosures. When these lines join one another the intersection is technically known as points. It is on these points that depends the more important part of identification. Lines are drawn between two points at a time and the number of lines crossed is observed, as well as the relation of these points to others. When an example including ten points is taken, the chance of duplication is one in ten raised to the thirtieth power.

The history of the use of fingerprints in identification begins in India where British officials used them in identifying natives of the penal colonies. They have been used in passports, in case of amnesia, lost children, etc. In the case of children in maternity hospitals they are identified by fingerprints. Prints of the animal's nose are used in the identification of prize cattle.

STATEMENT IS FILED BY SIR ARTHUR CURRIE

(Continued from page one)

charge ordered an advance for the purpose of securing an apartment but useless victory, hoping thereby to bring at the close of the war, glory to himself and his staff.

The said article was printed in prominent type on the front page of the said newspaper so as better to efface the defendants' purpose of bringing the plaintiff into public hatred and contempt.

The notice of action required by Section 5 of the Libel and Slander Act was duly served upon both defendants within the time limited by said section of said statute, but no reply to such notice was made by either of the defendants, nor was any retraction or apology or explanation published by either of them. Though the said statutory notice was duly given, it was not necessary, as the defendant Wilson had not complied with the provision of section 15 of the Libel and Slander Act.

In consequence of the said libellous article and the publication thereof, the plaintiff has been and is greatly injured in his character and in his reputation as a military commander and as an officer and in his position and authority as principal and vice-chancellor of McGill University; for which

wrong the plaintiff claims damages and exemplary damages in the sum of fifty thousand dollars (\$50,000).

The plaintiff proposes that this action be tried at the town of Co-hougue.

Statement of Defence

The statement of defence as filed by W. A. F. Campbell, of Port Hope, solicitor for Frederick W. Wilson and W. T. R. Preston is as follows:

1.—The Defendants admit the allegations contained in paragraph one of the Plaintiff's Statement of Claim, but specifically deny all the other allegations therein contained and put him to the proof thereof.

2.—The Defendants allege and the fact is, that the article complained of, was written and published by the Defendants in the Daily Guide and that the words published were true in substance and in fact.

3.—The Defendants further allege that in so far as the statements contained in the article complained of were statements of fact, they were true and in so far as they were statements of opinion, they were fair comment.

4.—The Defendants allege, that the said statements were made in good faith in the public interest and without malice, and that the said statements dealt with a subject matter of which there was a duty upon the Defendants to disclose to the public the true facts as the Defendants had acquired them.

5.—The Defendants deny that the Plaintiff has suffered any damages.

6.—The Defendants deny that the Plaintiff is entitled to proceed with this action, and they plead the provisions of the Libel and Slander Act, Revised Statutes of Ontario, 1914, Chapter 71, Sections 8 and 10.

7.—The Defendants say that the words complained of were published under the following circumstances and will at the trial of this action, submit evidence to show that the statements were published under such circumstances, namely:

The records of the House of Commons of Canada disclose, in the debates thereof, and the information of ex-soldiers who were present at the capture of Mons, disclose that the taking of Mons within a few hours before the armistice was declared, and while the Plaintiff knew, or had reason to know that a cessation of hostilities was imminent, was an unjustifiable sacrifice of human life and limb caused under the direction of the Plaintiff, and the Defendants further say that the statements were a proper subject for discussion in the press involving as they did the question of the Plaintiff's conduct to the soldiers serving under his direction and command, at a time when human life and limb might have been saved by the use of care and discretion, and the Defendants were justified in discussing in the public press the mistaken judg-

ment of the Plaintiff, in ordering the attack upon the city of Mons.

8.—The Defendants deny the innuendoes alleged in the Plaintiff's Statement of Claim, and say that the Defendants' publications do not mean, and cannot reasonably be construed as meaning, what the Plaintiff alleged they mean in his Statement of Claim.

9.—The Defendants submit that the Plaintiff's action should be dismissed with costs.

MEETING DISCUSSED COMPOSERS' CAREERS

(Continued from page one)

his performances and compositions were enthusiastically received. Among his best are The Moon Pictures, To a Rose, Woodland Sketches and The Sea Pieces.

Miss Marsters punctuated her talk with readings concerning these composers. Musical numbers were also inserted by the following: Miss Eileen Fogarty, Piano; Miss Gertrude Neigh-born, Violin; Miss Mina Smith, Vocal; and Miss Joan Marsters, Piano. The program was brought to a close by the serving of refreshments.

Notices

MCGILL PLAYERS CLUB

There will be a meeting of the Club in the music room of the McGill Union this afternoon at 5:15. All old and prospective members are requested to attend.

TRACK NOTICE

The manager will be at the stadium between 4 and 5 o'clock every afternoon this week, to take in equipment. Please hand in locker keys to Albert and get refund.

NO ROOTERS PARADE

The south stand bleachers will be reserved for Rooters until 2:00 p.m. tomorrow. Coupon No. 4 will be collected.

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